LAP15 Rec'd PCT/PTO 28 JUL 2006

FORM PTO-1390 (Modified) (REV. 7-2005) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE PLP574 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP2005/002066 February 26, 2005 February 26, 2004 TITLE OF INVENTION GENERATION OF RECOMBINANT GENES IN PROKARYOTIC CELLS BY USING TWO EXTRACHROMOSOMAL **ELEMENTS** APPLICANT(S) FOR DO/EO/US Ana RODRIGUEZ-GOMEZ, Tatjana GALIC, Marie-Agnès PETITE, Ivan MATIC, Miroslav RADMAN Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3 (9) and (24) indicated below.  $\boxtimes$ The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. 🗆 is attached hereto (required only if not communicated by the International Bureau). b. 🗆 has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. П An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🗆 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. 🗆 have not been made; however, the time limit for making such amendments has NOT expired. d. 🛛 have not been made and will not be made. 8. П An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). X 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).  $\boxtimes$ 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13. Ø An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15.  $\boxtimes$ A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18. A power of attorney and/or change of address letter.  $\boxtimes$ 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 20.  $\Box$ 21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4),  $\boxtimes$ 22. Express Mail Label No. EV 332144083 US

## IAP20 Rec'd PST/170 28 JUL 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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U.S. APPLICATIONAL OFFICE CONTROL OF THE PROPERTY OF THE

U.S. ARPLICA	TION+NO-(if†Roown, see 3#	CFR 1.5)
lu	Tothe assigned	

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NUMBER

PCT/EP2005/002066 **PLP574** 

- 23. Other items or information:
  - 1. Copy of 2 Written Opinions
  - 2. Copy of PCT Request
  - 3. Copy of PCT Cover Page
  - 4. Sequence Listing (Paper) and Statement To Support

The following	fees have been s	submitted:					CALC	ULATIONS	PTO USE
-					\$300	\$	\$300.00		
25. 🗵 Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article  All other situations. \$200						\$	\$200.00		
If the written opini by IPEA/US Search fee (37 Cf as an Intern International Sear previously c All other situations	indicates all clair FR 1.445(a)(2)) ha national Searching och Report prepare communicated to to.	or the Interns satisfy as been particular Authority and by an Is the US by	rnational preliminary exa provisions of PCT Artic id on the international a SA other than the US ar the IB.	le 33(1 applica nd prov	)-(4) tion to th ided to the	\$0 e \$100	\$	\$400.00	
	OF 24, 25 and						\$	\$900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole						
77 - 100 =	0 /50 =		0		x \$2	50.00	\$	\$0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$			
CLAIMS	NUMBER F	JMBER FILED NUMBER EXTRA RATE							
Total claims	49	- 20 =	29	х	\$	50.00	\$	\$1,450.00	
Independent clain	ns 5	- 3=	2	х	\$2	00.00	\$	\$400.00	
MULTIPLE DEPE	NDENT CLAIMS	(if applica	ole) 🛛	+	\$3	60.00	\$	\$360.00	
		TC	TAL OF ABOVE O	CALC	ULATI	ONS=	\$	\$3,110.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$	\$0.00			
SUBTOTAL =					\$	\$3,110.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$	\$0.00			
TOTAL NATIONAL FEE =					\$	\$3,110.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00				
TOTAL FEES ENCLOSED =					\$	\$3,110.00			
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a. 🗌	A check in the amount of \$	to cover th	ne abox 4 100 100 100 100 100 100 100 100 100 1	d PCT/P	10 28 JUL 20	
b. 🛚	Please charge my Deposit Account No.  A duplicate copy of this sheet is enclosed.	07-1392	in the amount of \$	\$3,110.00	to cover the above fee	
c. 🛚	The Commissioner is hereby authorized to to Deposit Account No. 07-1392		ditional fees which may to copy of this sheet is end		credit any overpayment	
d. 🔲	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status						
SEND A	ALL CORRESPONDENCE TO:		7	ear Al.	Gests	
			SIGNATUR	RE (		
			Frank P.	Grassler		
			NAME			
			31,164			
			REGISTRA	TION NUMBER	R	
			July 28, 2	006		
			DATE			
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AP20 Rec'd PCT/PTO 28 JUL 2006

CERTIFICATE Of Applicant(s):	Docket No. PLP574			
Application No. 2	Filing Date Concurrently Herewith	Examiner To be assigned	Customer No. 23347	Group Art Unit To be assigned
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I hereby certify that	the following corresponde	ence:		
National Phase App	olication and accompanyin	g documents, as detailed below.		
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is being deposited v	vith the United States Pos	stal Service "Express Mail Post Office	to Addressee" se	ervice under 37
		missioner for Patents, P.O. Box 1450		
			, raoxanana, rr	
	July 28, 2006 (Date)			
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Note: Each paper must have its own certificate of mailing.

- 1. Return postcard
- 2. Transmittal Letter concerning a submission under 35 USC 371 (fee pages in duplicate) (5 pages)
- 3. Preliminary Amendment (11 pages) with Abstract (1 page)
- 4. IDS with fee page in duplicate (3 pages total) and PTO 1449 (1 page) (Total of 4 pages)
- 5. Copy of International Search Report (5 pages)
- 6. Copy of International Preliminary Report (14 pages)
- 7. Copyof 2 Written Opinions (5 pages and 6 pages, for a total of 11 pages)
- 8. Computer-readable form of the sequence listing (1 CD enclosed)
- 9. Paper copy of sequence listing (4 pages), and Statement to Support (1 page)
- 10. Copy of PCT Request (7 pages)
- 11. Copy of PCT Cover Page (2 pages)